

What is claimed is:

- Sub 2
1. A connector for a cartridge of electronic parts, which is a plug type connector fixed to a side plate of the cartridge of electronic parts, comprising:
    - a plug housing including a back face opposing to the side plate of the cartridge of electronic parts;
    - a cover housing combined with the plug housing; and
    - a circuit board held by both the housings.
  2. The connector for a cartridge of electronic parts according to claim 1, wherein the plug housing and the cover housing are combined with each other being relatively slid in a direction parallel with a surface of the circuit board.
  3. The connector for a cartridge of electronic parts according to claim 2, wherein the cover housing includes guide grooves to guide a sliding motion of the plug housing, and edge sections of the circuit board and edge sections of the plug housing are slid in the guide grooves.
  4. The connector for a cartridge of electronic parts according to claim 1, wherein the circuit board is connected with the plug housing in such a manner that the circuit board covers an open portion of the plug housing, and a closed cross-section is formed by the circuit board

and the plug housing.

5. The connector for a cartridge of electronic parts according to claim 1, wherein a unit including the plug housing, the circuit board and a contact is incorporated into the cover housing.

6. The connector for a cartridge of electronic parts according to claim 5, wherein a forward end of a holding member to hold the circuit board and an exposed end portion of a lead penetrating the circuit board are located on the substantially same face as the back face of the plug housing, and they are located at the most backward position of the unit.

7. The connector for a cartridge of electronic parts according to claim 6, wherein the cover housing includes a protruding section for attaching to the cartridge of electronic parts.

8. The connector for a cartridge of electronic parts according to claim 1, wherein a lock section for locking both the plug housing and the cover housing, which are combined with each other, is arranged in a space surrounded by the plug housing and the cover housing.

5 9. The connector for a cartridge of electronic parts according to claim 1, wherein the cartridge of electronic parts is a cartridge of toner.

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